



Attorney's Docket No.: 12406-003001 / 199601650PUS01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ulrike Reeh et al.
Serial No. : 09/221,789
Filed : December 28, 1998
Title : LIGHT-RADIATING SEMICONDUCTOR COMPONENT WITH A LUMINESCENCE CONVERSION ELEMENT

Art Unit : 2815
Examiner : Jerome Jackson, Jr.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: June 3, 2003

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Substitute Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
12406-003001Application No.
09/221,789**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.83(b))

Applicant
Ulrike Reeh et al.Filing Date
December 28, 1998Group Art Unit
2815RECEIVED
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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	B AA	6,069,440	05/30/2000	Shimizu et al.	313	486	
	B AB						
	B AC						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B AD	52-40959	10/15/1977	Japan	33	00	X	
	B AE	9-73807	03/18/1997	Japan	8	00	X	
	B AF	50-43913	04/21/1975	Japan	15	05	X	
	B AG	7-99345	04/11/1995	Japan	33	00		X
	B AH	46-7462	12/22/1971	Japan				X
	B AI	5-152609	06/18/1993	Japan	33	00	X	
	B AJ	7-176794	07/14/1995	Japan	33	00		X
	B AK	2-91980	09/29/1988	Japan			X	
	B AL							
	B AM	6-69546	03/11/1994	Japan	33	00	X	
	B AN	11-220174	08/10/1999	Japan	33	00	X	
	B AO							
	B AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	B AQ	English Translation of Japanese 01175103 A, July 11, 1989.
	B AR	English Translation of Japanese 01260707 A, October 18, 1989.
	B AS	Phosphor Handbook, English Translation of (BAT)
	B AT	"Phosphor Handbook", Ohm 1987, pp. 172-174, 188-189, 270, 275-276, 383-385.
	B AU	Nakamura, Shuji et al., "Candela-class high-brightness InGaN/AlGaN double-heterostructure blue-light-emitting diodes, App. Phys. Lett 64 (13) March 28, 1994, pp. 1687-1689.

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Patent and Trademark OfficeAttorney's Docket No.
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by Applicant**

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(37 CFR §1.98(b))

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Ulrike Reeh et al.Filing Date
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TC 1700**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	B AV	Nakamuri, T, "Nichia Chemical starts the sample shipment of white light Emitting Diode", Nikkei Electronics, September 23, 1996 (No. 671), pp. 15-16.
	B AW	English translation of (BAV)
	B AX	Schlotter, P. et al., "Luminescence conversion of blue light emitting diodes", Applied Physics A, Springer Verlag (publ.), April 1997, vol. 4, pp. 417-418.
	B AY	Material Safety Data Sheet, pp. 1 and 2, and Lamp Phosphor Data Sheet of Phosphor NP-204 of Nichia Corporation.
	B AZ	"Phosphor and Emitter", Osram GmbH, June 1997.
	B AAA	Proceedings of 264 th Institute of Phosphor Society, "Development and Application of high bright white LED Lamps", November 29, 1996, pp. 5-14.
	B ABB	English Translation of (BAAA)
	B ACC	English Translation of Japanese Patent Application No. 245381, Filed September 18, 1996, Nichia Chemical Industries Ltd.
	B ADD	English Translation of Japanese Patent Application No. 359004, Filed December 27, 1996, Nichia Chemical Industries Ltd.
	B AEE	English Translation of Japanese Patent Application No. 198585, Filed July 29, 1996, Nichia Chemical Industries Ltd.
	B AFF	English Translation of Japanese Patent Application No. 018010, Filed March 31, 1997, Nichia Chemical Industries Ltd.
	B AGG	Nikkei Sangyo Shimbun (Nikkei Industrial Newspaper), September 13, 1996.
	B AHH	English Abstract of Japanese 7-99345, April 11, 1995

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